OIPE MAR 2 8 2005

ATTORNEY DOCKET NO. 14014.0349U2 APPLICATION NO. 10/049,586 SHEET 1 OF 5

Complete if Known **Application Number** 10/049,586 INFORMATION DISCLOSURE Filing Date February 12, 2002 STATEMENT LIST First Named Inventor Blackshear et al. (Use as many sheets as necessary) Group Art Unit 1634 **Examiner Name** Sisson, B.L. U.S. PATENTADOCUMENTS Examiner's Cite Document No.. Date Name Class Subclass Filing Date (if appropriate Initials No. FOREIGN PATENT DOCUMENTS Cite Foreign Patent Document Date Examiner's Translation Country Code-Number-Kind Code Initials Ŋο. Yes/No NON PATENT DOCUMENTS Examiner's Cite Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication) Initials No. B1. Abraham et al.," p55 Tumor necrosis factor receptor fusion protein in the treatment of patients with severe sepsis and septic shock. A randomized controlled multicenter trial. Ro 45-2081 Study Group." JAMA. 1997 May 21;277(19):1531-8. Achsel and Shimura, "Factors involved in the activation of pre-mRNA splicing from downstream B2. splicing enhancers." J Biochem (Tokyo). 1996 Jul;120(1):53-60. Agui et al., Stimulation of interleukin-6 production by endothelin in rat bone marrow-derived stromal B3. cells. Blood 84:2531, 1994 B4. Antman et al.,: Effect of recombinant human granulocyte-macrophage colony-stimulating factor on chemotherapy-induced myelosuppression. N. Engl. J. Med. 319:593, 1988 **B5**. Baker EJ, Liggit P: Accelerated poly(A) loss and mRNA stabilization are independent effects of protein synthesis inhibition on alpha-tubulin mRNA in Chlamydomonas. Nuc. Acids. Res. 21:2237, 1993 **B6**. Beelman and Parker: Degradation of mRNA in eukaryotes. Cell 81:179, 1995 Beelman and, Parker: Differential effects of translational inhibition in cis and in trans on the decay of **B7.** the unstable yeast MFA2 mRNA. J. Biol. Chem. 269:9687, 1994 B8. Bentley, SA: The role and composition of the adherent layer in long-term bone marrow culture. In: Long term bone marrow culture: proceedings of a symposium held at the Kroc Foundation. Kroc Foundation Series, vol.18. Alan R. Liss, Inc. New York. 1984 B9. Beutler "TNF, immunity and inflammatory disease: lessons of the past decade." J Investig Med. 1995 Jun;43(3):227-35. B10. Beutler B. and T. Brown, "A CAT reporter construct allows ultrasensitive estimation of TNF synthesis. and suggests that the TNF gene has been silenced in non-macrophage cell lines." J Clin Invest. 1991 Apr;87(4):1336-44. B11. Blackshear, P.J. 1984. Systems for polyacrylamide gel electrophoresis. Methods Enzymol. 104:237-255. B12. Carballo et al., Phagocytic and macropinocytic activity in MARCKS-deficient macrophages and fibroblasts. Am. J. Physiol. 277:163, 1999 B13. Cheng et al. "Cachexia and graft-vs.-host-disease-type skin changes in keratin promoter-driven TNF alpha transgenic mice." Genes Dev. 1992 Aug;6(8):1444-56. Clements et al., "Matrix metalloproteinase expression during experimental autoimmune B14. encephalomyelitis and effects of a combined matrix metalloproteinase and tumour necrosis factor-ロオ alpha inhibitor." J Neuroimmunol. 1997 Apr;74(1-2):85-94. **Examiner Signature:** Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

264077_2.DOC

MAR 2015

ATTORNEY DOCKET NO. 14014.0349U2 APPLICATION NO. 10/049,586 SHEET 2 OF 5

INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

	Complete if Known
Application Number	10/049,586
Filing Date	February 12, 2002
First Named Inventor	Blackshear et al.
Group Art Unit	1634
Examiner Name	Sisson, B.L.

		Examiner Name Sisson, B.L.
	B15.	Derigs et al.,: Granulocyte-macrophage colony-stimulating factor expression is regulated at
BXX		transcriptional and posttranscriptional levels in a murine bone marrow stromal cell line. Exp. Hematol 22:924, 1994
	B16.	Dexter et al., Conditions controlling the proliferation of haemopoietic stem cells in vitro. J. Cell. Physiol. 91:335, 1976
	B17.	Dexter et al.,: Maintenance of hemopoietic stem cells and production of differentiated progeny in allogeneic and semiallogeneic bone marrow chimeras in vitro. J. Exp. Med. 145:1612, 1977
	B18.	Erickson et al.,: Decreased sensitivity to tumour-necrosis factor but normal T-cell development in TNf receptor-2-deficient mice. Nature 372:560, 1994
	B19.	Flach, et al.,. 1994. A yeast RNA-binding protein shuttles between the nucleus and the cytoplasm. Mol. Cell. Biol. 50:1-12.
	B20.	Fu, X. D. "The superfamily of arginine/serine-rich splicing factors." RNA. 1995 Sep;1(7):663-80.
	B21.	Gianni et al., Recombinant human granulocyte macrophage colony stimulating factor reduces hematologic toxicity and widens clinical applicability of high dose cyclophosphamide treatment in breast cancer. J. Clin. Oncol. 8:768, 1990
	B22.	Godfrey K., "Statistics in practice. Comparing the means of several groups." N Engl J Med. 1985 Dec 5;313(23):1450-6.
	B23.	Gomperts et al., 1990. The nucleotide sequence of an EGF-inducible gene indicates the existence of a new family of mitogen-inducible genes. Oncogene 5:1081-1083.
	B24.	Gozani et al., "A potential role for U2AF-SAP 155 interactions in recruiting U2 snRNP to the branch site." Mol Cell Biol. 1998 Aug;18(8):4752-60.
	B25.	Greenberger JS: Sensitivity of corticosteroid-dependent insulin-resistant lipogenesis in marrow preadipocytes of obese-diabetic (db/db) mice. Nature 275:752, 1978
	Ɓ26.	Gueydan et al., 1996. Engagement of tumor necrosis factor mRNA by an endotoxin-inducible cytoplamic protein. Mol. Med. 2:479-488.
	B27.	Han et al. "Interactive effects of the tumor necrosis factor promoter and 3'-untranslated regions." J Immunol. 1991 Mar 15;146(6):1843-8.
	B28.	Han et al., "Complex regulation of tumor necrosis factor mRNA turnover in lipopolysaccharide- activated macrophages." Biochim Biophys Acta. 1991 Aug 27;1090(1):22-8.
	B29.	Hattori K. et al., "A metalloproteinase inhibitor prevents lethal acute graft-versus-host disease in mice." Blood. 1997 Jul 15;90(2):542-8.
	B30.	Hel et al., 1996. Two distinct regions in the 3' untranslated region of tumor necrosis factor alpha mRNA form complexes with macrophage proteins. Mol. Cell. Biol. 16:5579-90.
	B31.	Hel et al., 1998. Characterization of the RNA binding proteins forming complexes with a novel putative regulatory region in the 3'-UTR of TNF- mRNA. Nucleic Acids Res. 26:2803-2812.
	B32.	Hensel et al., "Autocrine stimulation of TNF-alpha mRNA expression in HL-60 cells." Lymphokine Res 1987 Spring;6(2):119-25.
	B33.	Heximer et al., 1993. A human putative lymphocyte G0/G1 switch gene homologous to a rodent gene encoding a zinc-binding potential transcription factor. DNA & Cell Biol. 12:73-88.
	B34.	Jacob C. O., "Studies on the role of tumor necrosis factor in murine and human autoimmunity." J Autoimmun. 1992 Apr;5 Suppl A:133-43
BH	B35.	Jorres A. et al.," Inhibition of tumour necrosis factor production in endotoxin-stimulated human mononuclear leukocytes by the prostacyclin analogue iloprost: cellular mechanisms." Cytokine. 1997 Feb;9(2):119-25.

Examiner Signature:	Date Considered:	
B. J. Luia	4/20/05	
EXAMINER: Initial if reference considered, whether or no conformance and not considered. Include copy of this form w	citation is in conformance with MPEP 609; Draw	v line through citation if not in

264077_2.DOC

MAR 2 8 2005

ATTORNEY DOCKET NO. 14014.0349U2 APPLICATION NO. 10/049,586 SHEET 3 OF 5

INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

	Complete if Known	
Application Number	10/049,586	
Filing Date	February 12, 2002	
First Named Inventor	Blackshear et al.	
Group Art Unit	1634	
Examiner Name	Sisson, B.L.	

		Examiner Name Sisson, B.L.		
0.1	/ B36.	Katz et al., 1994. AU-A, an RNA-binding activity distinct from hnRNP A1, is selective for AUUUA		
431	l	repeats and shuttles between the nucleus and the cytoplasm. Nucleic Acids Res. 22:238-46.		
	B37.	Keffer et al., "Transgenic mice expressing human tumour necrosis factor: a predictive genetic model		
ľ		of arthritis." EMBO J. 1991 Dec;10(13):4025-31.		
	B38.	Klausner et al., Cell 72, 19 (1993); A. B. Sachs, Cell 74, 413 (1993).		
	B39.	Koeffler et al., Transcriptional and posttranscriptional modulation of myeloid colony-stimulation factor		
		expression by tumor necrosis factor and other agents. Mol. Cell. Biol. 8:3432, 1988		
	B40.	Kolodziej, P.A., and R.A. Young. 1991. Epitope tagging and protein surveillance. Methods in		
		Enzymology 194:508-519.		
	B41.	Lai et al.,: Rapid insulin-stimulated accumulation of an mRNA encoding a proline-rich protein. J. Biol.		
	1	Chem. 265:16556, 1990		
	B42.	Lai, et al., 1998. Characteristics of the intron involvement in the mitogen-induced expression of Zfp-		
		36. J. Biol. Chem. 273:506-517.		
	B43.	Lai, et al., 1995. Promoter analysis of Zfp-36, the mitogen-inducible gene encoding the zinc finger		
		protein tristetraprolin. J. Biol. Chem. 270:25266-25272.		
	B44.	Lang et al., TNFa, IL-1a and bFGF are implicated in the complex disease of GM-CSF transgenic		
		mice. Growth Factors 6:131, 1992		
	B45.	Lewis et al., 1998. Mapping of a minimal AU-rich sequence required for lipopolysaccharide-induced		
		binding of a 55-kDa protein on tumor necrosis factor_ mRNA. J. Biol. Chem. 273:13781-13786.		
	B46.	Lobach et al., "Nucleotide sequence, expression, and chromosomal mapping of Mrp and mapping of		
		five related sequences." Genomics. 1993 Jul;17(1):194-204.		
	B47.	Lorenz H. M. et al., "In vivo blockade of TNF-alpha by intravenous infusion of a chimeric monoclonal		
		TNF-alpha antibody in patients with rheumatoid arthritis. Short term cellular and molecular effects." J		
		Immunol. 1996 Feb 15;156(4):1646-53.		
	B48.	Ma et al.,. 1994. The Drosophila TIS11 homologue encodes a developmentally regulated gene.		
		Oncogene 9:3329-3334.		
	B49.	Ma, Q., and H.R. Herschman. 1991. A corrected sequence for the predicted protein from the		
		mitogen-inducible TIS11 primary response gene. Oncogene 6:1277-1278.		
	B50.	Mello et al., 1996. The PIE-1 protein and germline specification in C. elegans embryos. Nature		
		382:710-712.		
	B51.	Mercer and Wake. 1985. An analysis of the rate of metallothionein mRNA poly(A)-shortening using		
		RNA blot hybridization. Nucleic Acids Res. 13:7929-7943.		
	B52.	Merendino et al., "Inhibition of msl-2 splicing by Sex-lethal reveals interaction between U2AF35 and		
		the 3' splice site AG." Nature. 1999 Dec 16;402(6763):838-41.		
	B53.	Morimoto et al. "KB-R7785, a novel matrix metalloproteinase inhibitor, exerts its antidiabetic effect by		
		inhibiting tumor necrosis factor-alpha production." Life Sci. 1997;61(8):795-803.		
	B54.	Natesan et al., 1997. Transcriptional squelching re-examined. Nature 390:349-350.		
1	B55.	Nemunaitis J: Use of hematopoietic growth factors in marrow transplantation. Curr. Opin. Oncol.		
	ļ	6:139, 1994		
	B56.	Ning et al.,. "Distinct mechanisms for rescue from apoptosis in Ramos human B cells by signalling		
	1	through CD40 and interleukin-4 receptor: role for inhibition of an early response gene, Berg36."		
		Biochem Soc Trans. 1997 May;25(2):306S.		
03/	² B57.	Odeh "The role of tumour necrosis factor-alpha in acquired immunodeficiency syndrome."		
514		J Intern Med. 1990 Dec;228(6):549-56.		

		
Examiner Signature:	Date Considered:	
B.L. Linon	4/20/25	
EVANINED: 131.13		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTORNEY DOCKET NO. 14014.0349U2 APPLICATION NO. 10/049,586 SHEET 4 OF 5

		TO COLORAD	land S	Complete if Known
IN.	JEORM.	ATION DISCLOSURE	Application Number	10/049,586
		ATEMENT LIST	Filing Date	February 12, 2002
	517	AILMENT LIOT	First Named Inventor	Blackshear et al.
(Use as many sheets as necessary)				
	(030 83	many sheets as necessary)	Group Art Unit	1634
			Examiner Name	Sisson, B.L.
011	/ B58.			n expressible cDNA encoding human IL-3.
BYA		Induction of IL-3 mRNA in huma		
ſ	B59.			tion by intestinal biopsies in patients with
		ulcerative colitis and Crohn's dis		
	B60.			as a tool for visualizing subcellular organelles
	DC4	in living cells. Curr. Biol. 5:635-		
	B61. B62.			nced in tumor cells. Blood 77:1787, 1991
	B02.			ceptor 1 are resistant to TNF-mediated toxicity
	B63.	but highly susceptible to infectio		
	503.	Int. 31:267, 1993	on or growin synthesis by	11-amino acid peptide. Biochem. Mol. Biol.
	B64.	Sachs, "Messenger RNA degrad	dation in Eukanyotos" ell	74:412 421 (1002)
	B65.			stabilities are independently regulated in trans
	000.	in a mouse monocytic tumor. C		stabilities are independently regulated in trans
$\overline{}$	B66.			in the embryonic germ lineage of C. elegans.
\		Nature 382:713-716.	mon or gone expression	ar are embryonic germ in eage of o. elegans.
	B67.		e graft-versus-host reac	tion in newborn mice by antibodies to tumor
		necrosis factor-alpha." Transpla		
	B68.			ence from the 3' untranslated region of GM-
		CSF mRNA mediates selective	mRNA degradation. Ce	II 46:659-667.
	B69.	Shi Y. et al., J. Biol. Chem. 272,	29290 (1997).	
	B70.	Shyu et al., "The c-fos transcript	is targeted for rapid de	cay by two distinct mRNA degradation
		pathways." Genes Dev. 1989 Ja		
	B71.	Solorzano et al., "A matrix metal	lloproteinase inhibitor pr	events processing of tumor necrosis factor
_	1000	alpha (TNF alpha) and abrogate	s endotoxin-induced let	hality." Shock. 1997 Jun;7(6):427-31.
	B72.	Spriggs et al., "Phospholipase A	2 activation and autoind	luction of tumor necrosis factor gene
	D72	expression by tumor necrosis fa	ctor." Cancer Res. 1990	Nov 15;50(22):7101-7.
·	B73.	colony stimulating factors and	expression of the murin	ne gene encoding granulocyte-macrophage
	B74.	Stumpo et al. "Identification of	for commence involved	native promoters. EMBO J. 4:2569,1985
1	674.	Biol Chem. 1988 Feb 5;263(4):1	,-ios sequences involve(611_/	d in induction by insulin and phorbol esters." J
	B75.			normal brain development and perinatal
1	0,3.	death." Proc Natl Acad Sci U S	1107 III IIII0 0 10203 10 201 A 1995 Feb 1 <i>4</i> -92/41-94	iormai orain development and permatal
	B76.			expression of a cDNA encoding the 80 to 87
- 1	J 5, 0.	kDa myristoylated alanine-rich C	; kinase substrate: a ma	jor cellular substrate for protein kinase C.
		Proc. Natl. Acad. Sci. USA 86:40	012. 1989	gor conduct substitute for protein kindse C.
	B77.			me of cachexia, arthritis, and autoimmunity
		resulting from tristetraprolin (TTF	P) deficiency. Immunity	4:445, 1996
	B78.			osolic translocation of tristetraprolin, a
		potential zinc-finger transcription	factor. Mol. Endocrino	l. 10:140, 1996
	B79.	Taylor et al.,: Phosphorylation of	ftristetraprolin, a potenti	ial zinc finger transcription factor, by mitogen
200		stimulation in intact cells and by	mitogen activated prote	in kinase in vitro. J. Biol. Chem. 270:13341,
3×1-		1995	<u> </u>	

Examiner Signature:	Date Considered:
EXAMINER: Initial if reference considered, whether or no conformance and not considered. Include copy of this form w	t citation is in conformance with MPEP 609; Oraw line through citation if not in ith next communication to applicant.
264077_3.DOC	

O 1 P & 2005 W

ATTORNEY DOCKET NO. 14014.0349U2 APPLICATION NO. 10/049,586 SHEET 5 OF 5

INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

	Complete if Known
Application Number	10/049,586
Filing Date	February 12, 2002
First Named Inventor	Blackshear et al.
Group Art Unit	1634
Examiner Name	Sisson, B.L.

		Side in the side of the side o
BFA	B80.	te Kronnie et al.,. "Zebrafish CTH1, a C3H zinc finger protein, is expressed in ovarian oocytes and embryos." Dev Genes Evol. 1999 Jul;209(7):443-6.
1	B81.	Thorens et al., Phagocytosis and inflammatory stimuli induce GM-CSF mRNA in macrophages through posttranscriptional regulation. Cell 48:671,1987
	B82.	Tso et al., Isolation and characterization of rat and human glyceraldehyde-3-phosphate dehydrogenase cDNA: genomic complexity and molecular evolution of the gene. Nucl. Acids Res. 13:2485, 1985
	B83.	Ulich et al.,. "Haematologic effects of TNF." Res Immunol. 1993 Jun;144(5):347-54.
	B84.	Vadhan-Raj S, et al., Stimulation of myelopoiesis in patients with aplastic anemia by recombinant human granulocyte macrophage colony stimulating factor. N. Engl. J. Med. 319:1628, 1988
	B85.	Van Den Heuvel et al.,: Stromal cells in long-term cultures of liver, spleen and bone marrow at different developmental ages have different capacities to maintain GM-CFC proliferation. Exp. Hematol. 19:115, 1991
	B86.	Varnum et al., HR: The TIS11 primary response gene is a member of a gene family that encodes proteins with a highly conserved sequence containing and unusual Cys-His repeat. Mol. Cell. Biol. 11:1754, 1991
	B87.	Varnum et al.,: Nucleotide sequence of a cDNA encoding TIS11, a message induced in Swiss 3T3 cells by the tumor promoter tetradecanoyl phorbol acetate. Oncogene 4:119, 1989
	B88.	Vogel et al.,: Induction of colony stimulating factor in vivo by recombinant interleukin 1a and recombinant tumor necrosis factor a. J. Immunol. 138:2143, 1987
	B89.	Wodnar-Filipowicz A, Moroni C: Regulation of interleukin 3 mRNA expression in mast cells occurs at the posttranscriptional level and is mediated by calcium ions. Proc. Natl. Acad. Sci. USA 87:777, 1990
	B90.	Worthington et al., 1996. Metal binding properties and secondary structure of the zinc-binding domain of Nup475. Proc. Natl. Acad. Sci. USA 93:13754-13759.
	B91.	Wu et al., "Neural tube defects and abnormal brain development in F52-deficient mice." Proc Natl Acad Sci U S A. 1996 Mar 5;93(5):2110-5.
	B92.	Xu et al., "Modulation of the fate of cytoplasmic mRNA by AU-rich elements: key sequence features controlling mRNA deadenylation and decay." Mol Cell Biol. 1997 Aug;17(8):4611-21.
	B93.	Yam et al.,: Cytochemical identification of monocytes and granulocytes. Am. J. Clin. Pathol. 55:283, 1971
	B94.	Zhang et al.,. "Cloning and intracellular localization of the U2 small nuclear ribonucleoprotein auxiliary factor small subunit." Proc Natl Acad Sci U S A. 1992 Sep 15;89(18):8769-73.
	B95.	Zoja et al., : Interleukin-1β and tumor necrosis factor-α induce gene expression and production of leukocyte chemotactic factors, colony-stimulating factors, and interleukin-6 in human mesangial cells. Am. J. Pathol. 138:991, 1991
1	B96.	Zorio and Blumenthal, "Both subunits of U2AF recognize the 3' splice site in Caenorhabditis elegans." Nature. 1999 Dec 16;402(6763):835-8.
BXL	B97.	Zuo and Maniatis, "The splicing factor U2AF35 mediates critical protein-protein interactions in constitutive and enhancer-dependent splicing." Genes Dev. 1996 Jun 1;10(11):1356-68.

Examiner Signature:	Date Considered: ,	
B. L. Lision	4/20/05	
EXAMINER: Initial if reference considered, whether or no	ot citation is in conformance with MPEP 609; Draw line through citation if not in	
conformance and not considered. Include copy of this form	with next communication to applicant.	

264077_3.DOC